



COC# 218

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CHAIN OF CUSTODY REPORT

Work Order #: M108014

CLIENT: BRISTOL		INVOICE TO: BRISTOL		TURNAROUND REQUEST in Business Days*					
REPORT TO: ANNE KRANAWETTER				Organic & Inorganic Analyses					
ADDRESS: AMCHITKA, AK				10 7 5 4 3 2 1 <1					
PHONE: 907-770-0974 FAX: 770-0975		P.O. NUMBER: 21090		STD. Petroleum Hydrocarbon Analyses					
PROJECT NAME: AMCHITKA		REQUESTED ANALYSES		5 4 3 2 1 <1					
PROJECT NUMBER: 21090				STD. Please Specify					
SAMPLED BY:				OTHER					
				*Turnaround Requests less than standard may incur Rush Charges.					
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PCBS EPA 8082	Metals *			MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
1. OIAMTP08 SL	8/10/01 1450	X	X			S	2		
2. OIAMTP09 SL	8/10/01 1458	X	X			S	2		
3. OIAMTP10 SL	8/10/01 1505	X	X			S	2		
4. OIAMTP11 SL	8/10/01 1510	X	X			S	2		
5. OIAMTP12 SL	8/10/01 1520	X	X			S	2		
6. OIAMTP13 SL	8/10/01 1525	X	X			S	2		
7.									
8.									
9.									
10.									
11.									
12.									
13.									
14.									
15.									
RELINQUISHED BY: Charlie Marshall	DATE: 8/10/01	RECEIVED BY: Craig Brudie	DATE: 8/10/01						
PRINT NAME: Charlie Marshall	FIRM: BRISTOL	PRINT NAME: Craig Brudie	FIRM: NCA						
RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:						
PRINT NAME:	FIRM:	PRINT NAME:	FIRM:						
ADDITIONAL REMARKS: Post Lagoon Treatment PAD soils samples				Mercury		TEMP: 9.4		PAGE 1 OF 1	
COC REV 3/99 * Metals - as per SAA, Arsenic, Cadmium, Chromium, Lead, Selenium, Silver, Vanadium									



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7 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 08/10/01 16:08. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M108014



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 18:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMTP08SL	M108014-01	Soil	08/10/01 14:50	08/10/01 16:08
01AMTP09SL	M108014-02	Soil	08/10/01 14:58	08/10/01 16:08
01AMTP10SL	M108014-03	Soil	08/10/01 15:05	08/10/01 16:08
01AMTP11SL	M108014-04	Soil	08/10/01 15:10	08/10/01 16:08
01AMTP12SL	M108014-05	Soil	08/10/01 15:20	08/10/01 16:08
01AMTP13SL	M108014-06	Soil	08/10/01 15:25	08/10/01 16:08

C. O. C. # 218

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 18:12

Polychlorinated Biphenyls per EPA Method 8082

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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01AMTP08SL (M108014-01) Soil

Sampled: 08/10/01 Received: 08/10/01

Aroclor 1016	ND	138	ug/kg dry	1	EPA 8082	08/11/01	08/11/01	0108032	
Aroclor 1221	ND	276	"	"	"	"	"	"	
Aroclor 1232	ND	138	"	"	"	"	"	"	
Aroclor 1242	ND	138	"	"	"	"	"	"	
Aroclor 1248	ND	138	"	"	"	"	"	"	
Aroclor 1254	ND	138	"	"	"	"	"	"	
Aroclor 1260	ND	138	"	"	"	"	"	"	
<i>Surr: 2,4,5,6-Tetrachloro-m-xylene</i>	<i>99.6 %</i>	<i>55-130</i>							
<i>Surr: Decachlorobiphenyl</i>	<i>87.0 %</i>	<i>55-130</i>							

01AMTP09SL (M108014-02) Soil

Sampled: 08/10/01 Received: 08/10/01

Aroclor 1016	ND	139	ug/kg dry	1	EPA 8082	08/11/01	08/11/01	0108032	
Aroclor 1221	ND	277	"	"	"	"	"	"	
Aroclor 1232	ND	139	"	"	"	"	"	"	
Aroclor 1242	ND	139	"	"	"	"	"	"	
Aroclor 1248	ND	139	"	"	"	"	"	"	
Aroclor 1254	ND	139	"	"	"	"	"	"	
Aroclor 1260	ND	139	"	"	"	"	"	"	
<i>Surr: 2,4,5,6-Tetrachloro-m-xylene</i>	<i>129 %</i>	<i>55-130</i>							
<i>Surr: Decachlorobiphenyl</i>	<i>117 %</i>	<i>55-130</i>							

01AMTP10SL (M108014-03) Soil

Sampled: 08/10/01 Received: 08/10/01

Aroclor 1016	ND	135	ug/kg dry	1	EPA 8082	08/11/01	08/11/01	0108032	
Aroclor 1221	ND	270	"	"	"	"	"	"	
Aroclor 1232	ND	135	"	"	"	"	"	"	
Aroclor 1242	ND	135	"	"	"	"	"	"	
Aroclor 1248	ND	135	"	"	"	"	"	"	
Aroclor 1254	ND	135	"	"	"	"	"	"	
Aroclor 1260	ND	135	"	"	"	"	"	"	
<i>Surr: 2,4,5,6-Tetrachloro-m-xylene</i>	<i>123 %</i>	<i>55-130</i>							
<i>Surr: Decachlorobiphenyl</i>	<i>113 %</i>	<i>55-130</i>							

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 18:12

Polychlorinated Biphenyls per EPA Method 8082
North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMTP11SL (M108014-04) Soil					Sampled: 08/10/01 Received: 08/10/01				
Aroclor 1016	ND	135	ug/kg dry	1	EPA 8082	08/11/01	08/11/01	0108032	
Aroclor 1221	ND	270	"	"	"	"	"	"	
Aroclor 1232	ND	135	"	"	"	"	"	"	
Aroclor 1242	ND	135	"	"	"	"	"	"	
Aroclor 1248	ND	135	"	"	"	"	"	"	
Aroclor 1254	ND	135	"	"	"	"	"	"	
Aroclor 1260	ND	135	"	"	"	"	"	"	
Surr: 2,4,5,6-Tetrachloro-m-xylene	84.2 %	55-130							
Surr: Decachlorobiphenyl	73.0 %	55-130							
01AMTP12SL (M108014-05) Soil					Sampled: 08/10/01 Received: 08/10/01				
Aroclor 1016	ND	136	ug/kg dry	1	EPA 8082	08/11/01	08/11/01	0108032	
Aroclor 1221	ND	273	"	"	"	"	"	"	
Aroclor 1232	ND	136	"	"	"	"	"	"	
Aroclor 1242	ND	136	"	"	"	"	"	"	
Aroclor 1248	ND	136	"	"	"	"	"	"	
Aroclor 1254	ND	136	"	"	"	"	"	"	
Aroclor 1260	ND	136	"	"	"	"	"	"	
Surr: 2,4,5,6-Tetrachloro-m-xylene	116 %	55-130							
Surr: Decachlorobiphenyl	112 %	55-130							
01AMTP13SL (M108014-06) Soil					Sampled: 08/10/01 Received: 08/10/01				
Aroclor 1016	ND	138	ug/kg dry	1	EPA 8082	08/11/01	08/11/01	0108032	
Aroclor 1221	ND	275	"	"	"	"	"	"	
Aroclor 1232	ND	138	"	"	"	"	"	"	
Aroclor 1242	ND	138	"	"	"	"	"	"	
Aroclor 1248	ND	138	"	"	"	"	"	"	
Aroclor 1254	ND	138	"	"	"	"	"	"	
Aroclor 1260	ND	138	"	"	"	"	"	"	
Surr: 2,4,5,6-Tetrachloro-m-xylene	93.9 %	55-130							
Surr: Decachlorobiphenyl	84.6 %	55-130							

North Creek Analytical - Mobile Lab

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Project Manager: Anne Kranawetter

Reported:
08/13/01 18:12

Physical Parameters per APHA/ASTM/EPA Methods
North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMTP08SL (M108014-01) Soil					Sampled: 08/10/01 Received: 08/10/01				
% Solids	77.4	0.0100 % by Weight		1	Gravimetric	08/10/01	08/11/01	0108033	
01AMTP09SL (M108014-02) Soil					Sampled: 08/10/01 Received: 08/10/01				
% Solids	85.3	0.0100 % by Weight		1	Gravimetric	08/10/01	08/11/01	0108033	
01AMTP10SL (M108014-03) Soil					Sampled: 08/10/01 Received: 08/10/01				
% Solids	83.4	0.0100 % by Weight		1	Gravimetric	08/10/01	08/11/01	0108033	
01AMTP11SL (M108014-04) Soil					Sampled: 08/10/01 Received: 08/10/01				
% Solids	83.5	0.0100 % by Weight		1	Gravimetric	08/10/01	08/11/01	0108033	
01AMTP12SL (M108014-05) Soil					Sampled: 08/10/01 Received: 08/10/01				
% Solids	83.6	0.0100 % by Weight		1	Gravimetric	08/10/01	08/11/01	0108033	
01AMTP13SL (M108014-06) Soil					Sampled: 08/10/01 Received: 08/10/01				
% Solids	85.5	0.0100 % by Weight		1	Gravimetric	08/10/01	08/11/01	0108033	

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Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 18:12

Polychlorinated Biphenyls per EPA Method 8082 - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0108032 - 3545 ASE

Blank (0108032-BLK1)

Prepared & Analyzed: 08/11/01

Aroclor 1016	ND	141	ug/kg wet
Aroclor 1221	ND	282	"
Aroclor 1232	ND	141	"
Aroclor 1242	ND	141	"
Aroclor 1248	ND	141	"
Aroclor 1254	ND	141	"
Aroclor 1260	ND	141	"

<i>Surr: 2,4,5,6-Tetrachloro-m-xylene</i>	219	"	188	116	55-130
<i>Surr: Decachlorobiphenyl</i>	190	"	188	101	55-130

LCS (0108032-BS1)

Prepared & Analyzed: 08/11/01

Aroclor 1254	884	141	ug/kg wet	781	113	55-130
<i>Surr: 2,4,5,6-Tetrachloro-m-xylene</i>	235		"	188	125	55-130
<i>Surr: Decachlorobiphenyl</i>	208		"	188	111	55-130

Matrix Spike (0108032-MS1)

Source: M108014-01

Prepared & Analyzed: 08/11/01

Aroclor 1254	1100	136 ug/kg dry	978	ND	112	55-130
<i>Surr: 2,4,5,6-Tetrachloro-m-xylene</i>	283	"	235		120	55-130
<i>Surr: Decachlorobiphenyl</i>	250	"	235		106	55-130

Matrix Spike Dup (0108032-MSD1)

Source: M108014-01

Prepared & Analyzed: 08/11/01

Aroclor 1254	1070	136	ug/kg dry	972	ND	110	55-130	2.76	40
<i>Surr: 2,4,5,6-Tetrachloro-m-xylene</i>	280		"	233		120	55-130		
<i>Surr: Decachlorobiphenyl</i>	248		"	233		106	55-130		

North Creek Analytical - Mobile Lab

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Project: Amchitka
Project Number: 21090
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Reported:
08/13/01 18:12

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.
wet Sample results reported on a wet weight basis (as received)
RPD Relative Percent Difference

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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Environmental Laboratory Network

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M108014 FINAL 08 13 01 1812.mdb Default Report (not modified)